FORM PTO-1390 MODIFIED		-1390	U.S. DEPARTMENT O	F COMMERCE PATENT AND TRADEMARK OF	FICE ATTOR	ATTORNEY'S DOCKET NUMBER								
MOD	IFIEU	TRA	I NSMITTAL LETTE	R TO THE UNITED STATES		620-363 ( known, see 37 C.F.R. 1.5)								
TRANSMITTAL LETTER TO THE UNITED STATES  DESIGNATED/ELECTED OFFICE (DO/EO/US)  U.S. APPLICATION NO. (If known, see 37 C.F.)  10/53/242														
13.17.	DALAS			ING UNDER 35 U.S.C. 371	PRIOR	OITY DATE OF		97						
INIE			APPLICATION NO. 2003/004485	INTERNATIONAL FILING DATE 14 October 2003	PRIOF	PRIORITY DATE CLAIMED  14 October 2002								
TITLE OF INVENTION RAD51-BRC REPEAT CRYSTALS														
APPLICANT(S) FOR DO/EO/US  VENKITARAMAN et al.														
Арр	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:													
1.		This is	a FIRST submission	of items concerning a submission unde	er 35 U.S.C. 37	71.								
2.	$\boxtimes$	This is	a SECOND or SUBS	<b>EQUENT</b> submission of items concern	ing a submissi	ion under 35 l	U.S.C. 371.							
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.												
4.		The U.S. has been elected (Article 31).												
5.	A co	py of th	e International Applica	ation as filed (35 U.S.C. 371(c)(2).										
	a.	heets drawings).												
	b.		nas been communicate	ed by the International Bureau.										
	c.  is not required, as the application was filed in the United States Receiving Office (RO/US).													
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(3)													
	a.  is attached hereto ( pages specification, claims & abstract ( claims), sheets drawings, Certificate of Translation).													
	b.		nas been previously su	ubmitted under 35 U.S.C. 154(d)(4).										
7.		Amen	dments to the claims of	of the International Application under PC	CT Article 19 (3	35 U.S.C. 371	1(c)(3)							
	a. <b>,</b>	□ a	are attached hereto (re	quired only if not communicated by the	International E	Bureau).								
	b.	☐ h	nave been communica	ted by the International Bureau.		·								
	Ġ.	□ . P	nave not been made; h	nowever, the time limit for making such	amendments h	has <b>NOT</b> expi	ired.							
8.		An En	glish language transla	tion of the amendments to the claims u	nder PCT Artic	cle 19 (35 U.S	S.C. 371(c)(3).							
9.	a.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4).												
	b. Forr	Declaration was submitted to the International Bureau during International Phase (see copies of Declaration ( page rm PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).												
10.	_			tion of the annexes of the International			•	cle 36 (35						
	C. 37	'1(c)(5).		document(s) or information included	•			(						
11.				tatement under 37 C.F.R. 1.97 and 1.9										
12.	$\boxtimes$	An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.												
13.		☐ A FIRST preliminary amendment.												
	b. A SECOND or SUBSEQUENT preliminary amendment.													
14.		An Application Data Sheet under 37 C.F.R. § 1.76.												
15.		A substitute specification.												
16.		A change of power of attorney and/or address letter.												
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.												
18.		A second copy of the published international application under 35 U.S.C. 154(d)(4).												
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).												
20. State	_													

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/531,241					INTERNATIONAL APPLICATION NO. PCT/GB2003/004485					ATTORNEY'S DOCKET NUMBER 620-363					
21.  The following fees are submitted:															
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b) Examination Fee\$200.00 (1633)/\$100.00 (2633)										3)	\$				
1 [	c) Search	n Fee				•••••		\$500.	00 (16	32)/\$250.00 (2632	2)	\$		-	•
			T	OTAL OF	ABO	VE CALC	JLA	TIONS		.\$1000.00/\$500.0	0	\$	0.00		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.															
Т	Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole														
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									\$0.0	0 (2681)					
	Surcharge of \$130.00 (1617)/\$65.00 (2617) for furnishing the oath or declaration later than  30 months from the earliest claimed priority date (37 C.F.R. 1.492(e).									) months	\$		20		
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an	appropriate co	over s	heet (3	7 C.F.R.	3.28,	3.31). <b>\$40</b>	.00	(8021) per pr	operty	+	•	\$	40.00		
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е.	e. $\square$ The entire content of International Application No. PCT/GB2003/004485 and any U.S. and foreign application(s) corresponding														
	thereto, and GB 0223860.8, referred to in this application is/are hereby incorporated by reference in this application.  NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a)														
or	or (b) must be filed and granted to testore ເກືອິນີອີກິໂເcation to pending status.														
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In re	<b>Patent</b>	<b>Application</b>	of
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VENKITARAMAN et al.

Atty. Ref.: 620-363;

Appl. No. unknown

TC/A.U. unknown

371 U.S. national phase of PCT/GB2003/004485

Filed: April 14, 2005

Examiner: Unknown

For: RAD51-BRC REPEAT CRYSTALS

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2 1 FEB 2006

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Legal Staff International Division

Sir:

## **STATEMENT OF MIYOUNG LEE PURSUANT TO 37 CFR § 1.497(d)**

I. MiYoung LEE, of Hutchinson/MRC Research Centre, Hills Road, Cambridge, Cambridgeshire CB2 2XZ, hereby state that any error in naming me as an inventor of PCT/GB2003/004485 occurred without deceptive intention on my part.

By: M: Young LEE

Date: 21/4/05



In re Patent Application of

VENKITARAMAN et al.

Atty. Ref.: 620-363;

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Filed: April 14, 2005

Examiner: Unknown

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Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Legal Staff International Division

Sir:

## STATEMENT OF THOMAS LO PURSUANT TO 37 CFR § 1.497(d)

I. Thomas LO, of the Department of Biochemistry, Tennis Court Road,
Cambridge, Cambridgeshire CB2 1GA, hereby state that any error in naming me as an inventor of PCT/GB2003/004485 occurred without deceptive intention on my part.

Thomas LO

momas Ec

Date: 23/4/05

In re Patent Application of

VENKITARAMAN et al.

Atty. Ref.: 620-363;

Appl. No. unknown

TC/A.U. unknown

371 U.S. national phase of PCT/GB2003/004485

Filed: April 14, 2005

Examiner: Unknown

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2 1 FEB 2006

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Legal Staff International Division

Sir:

## STATEMENT OF SHUBHA ANAND PURSUANT TO 37 CFR § 1.497(d)

I. Shubha ANAND, of Hutchinson/MRC Research Centre, Hills Road, Cambridge, Cambridgeshire CB2 2XZ, hereby state that any error in naming me as an inventor of PCT/GB2003/004485 occurred without deceptive intention on my part.

By: Shubha Anand
Shubha ANAND

Date: 21/4/05

In re Patent Application of

VENKITARAMAN et al.

Atty. Ref.: 620-363;

Appl. No. unknown

TC/A.U. unknown

371 U.S. national phase of PCT/GB2003/004485

Filed: April 14, 2005

Examiner: Unknown

For: RAD51-BRC REPEAT CRYSTALS

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Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Legal Staff International Division

Sir:

#### STATEMENT OF MAHMUD SHIVJI PURSUANT TO 37 CFR § 1.497(d)

I. Mahmud SHIVJI, of Hutchinson/MRC Research Centre, Hills Road,
Cambridge, Cambridgeshire CB2 2XZ, hereby state that any error in naming me as an inventor of PCT/GB2003/004485 occurred without deceptive intention on my part.

Mahmud SHIVJI

Date: 22/04/05